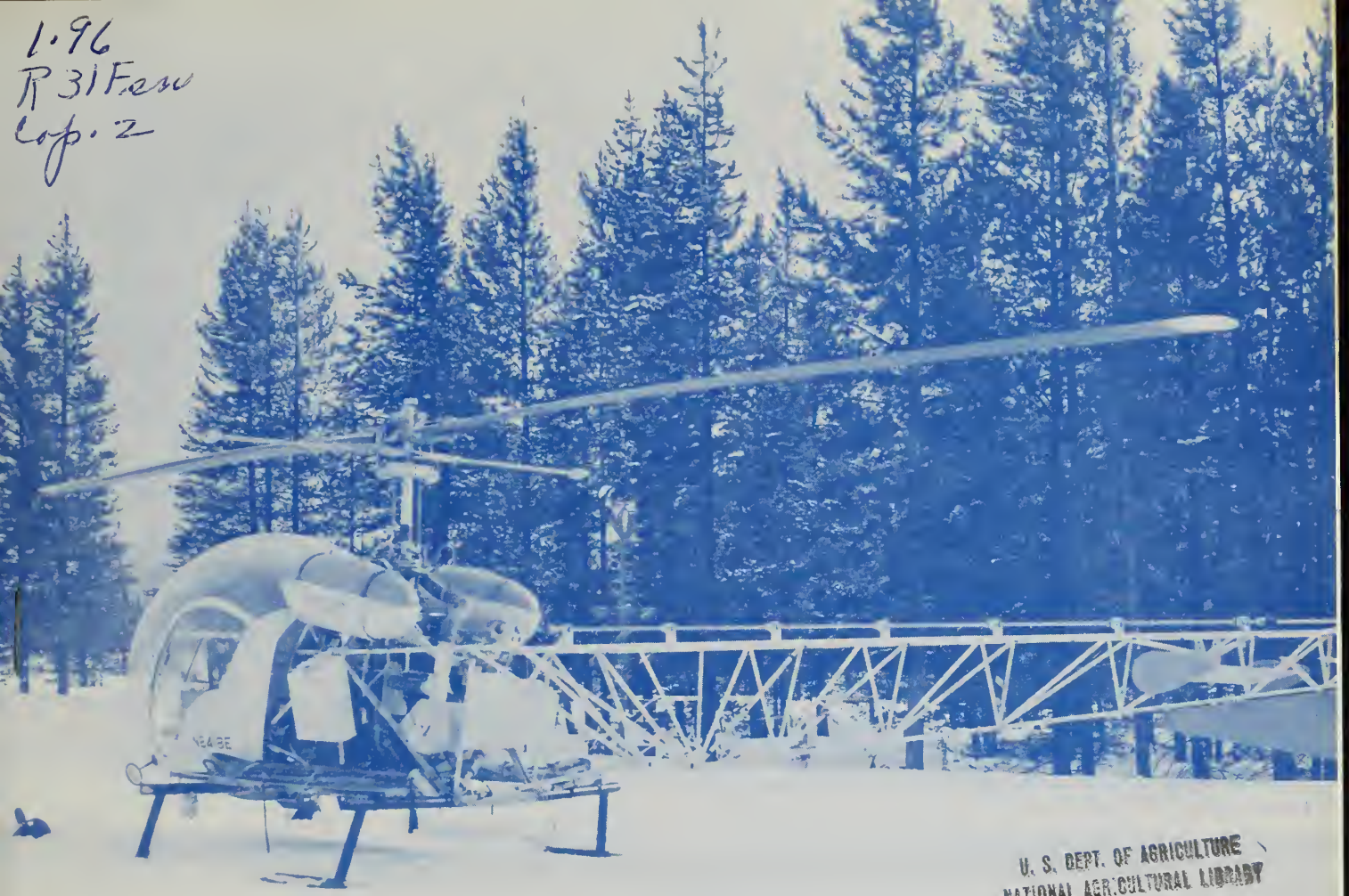


WATER SUPPLY OUTLOOK
and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS
for
NEVADA

UNITED STATES DEPARTMENT of AGRICULTURE···SOIL CONSERVATION SERVICE.
and
NEVADA DEPARTMENT of CONSERVATION and NATURAL RESOURCES
DIVISION of WATER RESOURCES

Data included in this report were obtained by the agencies named above in cooperation with the Federal, State and private organizations listed on the last page of this report.

AS OF
MAY 1, 1965

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

To Recipients of Water Supply Outlook Reports:

The climate of the cultivated and populated areas of the West is characterized by relatively dry summer months. Such precipitation as occurs falls mostly in the winter and early spring months when it is of little immediate benefit to growing crops. Most of this precipitation falls as mountain snow which stays on the ground for months, melting later to sustain streamflow during the period of greatest demand during late spring and summer. Thus, nature provides in mountain snow an imposing water storage facility.

The amount of water stored in mountain snow varies from place to place as well as from year to year and accordingly, so does the runoff of the streams. The best seasonal management of variable western water supplies results from advance estimates of the streamflow.

A snow survey consists of a series of about ten samples taken with specially designed snow sampling equipment along a permanently marked line, up to 1000 feet in length, called a snow course. The use of snow sampling equipment provides snow depth and water equivalent values for each sampling point. The average of these values is reported as the snow survey measurement for a snow course.

Snow surveys are made monthly or semi-monthly beginning in January or February and continue through the snow season until April, May or June. Currently more than 1400 western snow courses are measured each year. These measurements furnish the key data for water supply forecasts.

Streamflow forecasts are obtained by a comparison of total or maximum snow accumulation, as measured by snow water equivalent, to the subsequent spring and summer or snowmelt season runoff over a period of years. The snow water equivalent measured in selected snow courses provides most of the index to the streamflow forecast for the following season. More accurate forecasts are usually obtained when other factors such as soil moisture, base flow and spring precipitation are considered and included in the forecast procedure. Early season forecasts assume average climatic conditions through the snowmelt season.

Listed below are the Federal-State-Private Cooperative Snow Survey and Water Supply Forecast reports available for the West which contain detailed information on snow survey measurements, streamflow forecasts, reservoir storage, soil moisture and other guide data to water management and conservation decisions. Soil Conservation Service Reports may be secured from Soil Conservation Service, 511 N.W. Broadway - Room 507, Portland, Oregon 97209.

PUBLISHED BY SOIL CONSERVATION SERVICE

REPORTS	ISSUED	LOCATION	COOPERATING WITH
RIVER BASINS			
WESTERN UNITED STATES	MONTHLY (FEB.-MAY)	PORTLAND, OREGON	ALL COOPERATORS
BASIC DATA SUMMARY	OCTOBER 1	PORTLAND, OREGON	ALL COOPERATORS
STATES			
ALASKA	MONTHLY (MAR.-MAY)	PALMER, ALASKA	ALASKA S.C.D.
ARIZONA	SEMI-MONTHLY (JAN. 15 - APR. 1)	PHOENIX, ARIZONA	SALT R. VALLEY WATER USERS ASSOC. ARIZ. AGR. EXP. STATION
COLORADO AND NEW MEXICO	MONTHLY (FEB.-MAY)	FORT COLLINS, COLORADO	COLO. STATE UNIVERSITY COLO. STATE ENGINEER N. MEX. STATE ENGINEER
IDAHO	MONTHLY (JAN.-JUNE)	BOISE, IDAHO	IDAHO STATE RECLAMATION ENGINEER
MONTANA	MONTHLY (JAN.-JUNE)	BOZEMAN, MONTANA	MONT. AGR. EXP. STATION
NEVADA	MONTHLY (JAN.-MAY)	RENO, NEVADA	NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES DIVISION OF WATER RESOURCES
OREGON	MONTHLY (JAN.-JUNE)	PORTLAND, OREGON	OREG. STATE UNIVERSITY OREGON STATE ENGINEER
UTAH	MONTHLY (JAN.-JUNE)	SALT LAKE CITY, UTAH	UTAH STATE ENGINEER
WASHINGTON	MONTHLY (FEB.-JUNE)	SPOKANE, WASHINGTON	WN. STATE DEPT. OF CONSERVATION
WYOMING	MONTHLY (FEB.-JUNE)	CASPER, WYOMING	WYOMING STATE ENGINEER

PUBLISHED BY OTHER AGENCIES

REPORTS	ISSUED	AGENCY
BRITISH COLUMBIA	MONTHLY (FEB.-JUNE)	WATER RESOURCES SERVICE, DEPT. OF LANDS, FOREST AND WATER RESOURCES, PARLIAMENT BLDG., VICTORIA, B.C., CANADA
CALIFORNIA	MONTHLY (FEB.-MAY)	CALIF. DEPT. OF WATER RESOURCES, P.O. BOX 388, SACRAMENTO, CALIF.

SOIL CONSERVATION SERVICE, PORTLAND, OREGON 1964

WATER SUPPLY OUTLOOK
and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS
for
NEVADA

Report prepared by

MANES BARTON
and
ROY E. MALSOR, JR.

SOIL CONSERVATION SERVICE
1479 SOUTH WELLS AVENUE
RENO, NEVADA

MAY 8, 1965

Issued by

ELMO J. DE RICCO

~~HUGH A. SHAMBERGER~~

DIRECTOR
DEPARTMENT OF CONSERVATION AND
NATURAL RESOURCES
CARSON CITY, NEVADA

CHARLES W. CLEARY, JR.

STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
RENO, NEVADA

INDEX TO NEVADA SNOW COURSES
(By Basins)

NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.
SNAKE RIVER BASIN					
SNAKE RIVER					
15H1MA	BEAR CREEK	31	46N	58E	7800
15H4MP*	BIG BENO	30	45N	56E	6700
15H2	FOX CREEK	33	46N	58E	6800
15H13	GOAT CREEK	31	46N	60E	8800
15H5*	GOLD CREEK	31	45N	56E	6600
15H15A	HUMMINGBIRD SPRINGS	6	45N	60E	8945
14H1	JAKES CREEK	6	42N	62E	7000
15H14	POLE CREEK RANGER STATION	13	46N	59E	8330
15H18a	REO POINT	15	47N	61E	7940
15H3A	76 CREEK	6	44N	58E	7100
15H19a	STAG MTN.	29	41N	58E	7800
OWYHEE RIVER					
15H4MP	BIG BENO	30	45N	56E	6700
17H2*	BUCKSKIN, LOWER	25	45N	39E	6700
17H1*	BUCKSKIN, UPPER	11	45N	39E	7200
16H6a	COLUMBIA BASIN	31	44N	53E	6650
16H7*	FRY CANYON	31	43N	54E	6700
15H5	GOLD CREEK	31	45N	56E	6600
17H4*	GRANITE PEAK	22	44N	39E	7800
16H1M	JACK CREEK, LOWER	18	42N	53E	6800
16H2A	JACK CREEK, UPPER	9	42N	53E	7250
16H4	JACKS PEAK	28	42N	53E	8420
16H5	LAUREL DRAW	20	45N	53E	6700
17G4a	LOUSE CANYON (OREG.)	27	40S	44E	6440
17H3*	MARTIN CREEK	18	44N	40E	6700
15H6MP*	RODEO FLAT	36	43N	53E	6800
15H19a*	STAG MTN.	29	40N	50E	7700
15H9MP	TAYLOR CANYON	35	39N	53E	6200
16H7a*	TOE JAM	29	40N	50E	7700
15H8*	TREMEWAN RANCH	9	39N	55E	5700
INTERIOR					
UPPER HUMBOLDT RIVER					
15J17a	AMERICAN BEAUTY	32	31N	58E	7800
15H1MA	BEAR CREEK	31	46N	58E	7800
15H4MP*	BIG BENO	30	45N	56E	6700
16H6a	COLUMBIA BASIN	31	44N	53E	6650
15J12A	CORRAL CANYON	27	28N	57E	8500
15J1MP	DORSEY BASIN	28	35N	60E	8100
15J3	DRY CREEK	5	34N	60E	6500
15H2*	FOX CREEK	33	46N	58E	6800
15H7	FRY CANYON	31	43N	54E	6700
15H5*	GOLD CREEK	31	45N	56E	6600
15J9MP	GREEN MOUNTAIN	23	29N	57E	8000
15J10	HARRISON PASS #1	9	28N	57E	6600
15J11	HARRISON PASS #2	16	28N	57E	7400
16H1M*	JACK CREEK, LOWER	18	42N	53E	6800
16H2A*	JACK CREEK, UPPER	9	42N	53E	7250
16H4*	JACKS PEAK	28	42N	53E	8420
15J4	LAMOILLE #1	15	32N	58E	7100
15J5	LAMOILLE #2	14	32N	58E	7300
15J6M	LAMOILLE #3	24	32N	58E	7700
15J7	LAMOILLE #4	19	32N	59E	8000
15J8P	LAMOILLE #5	31	32N	59E	8700
15J16a	ROBINSON LAKE	23	33N	59E	9200
15H6MP	RODEO FLAT	36	43N	53E	6800
15J2	RYAN RANCH	1	34N	59E	5800
15H19a*	STAG MTN.	29	40N	50E	7700
15H3A*	76 CREEK	6	44N	58E	7100
15H9MP*	TAYLOR CANYON	35	39N	53E	6200
16H7a*	TOE JAM	29	40N	50E	7700
15H8	TREMEWAN RANCH	9	39N	55E	5700
15H10P	TROUT CREEK, LOWER	28	37N	61E	6900
15H11A	TROUT CREEK, UPPER	4	36N	61E	8500
LOWER HUMBOLDT RIVER					
17K1	BIG CREEK CAMP GROUND	10	17N	43E	6600
17K2	BIG CREEK MINE	23	17N	43E	7600
17K3	BIG CREEK, UPPER	26	17N	43E	8000
17H2	BUCKSKIN, LOWER	25	45N	39E	6700
17H1	BUCKSKIN, UPPER	11	45N	39E	7200
17J2	GOLCONDA #2	22	35N	39E	6000
17H4	GRANITE PEAK	22	44N	39E	7800
17H5	LAMANCE CREEK	13	42N	38E	8000
17L1	LOWER CORRAL	12	11N	40E	7500
17H3	MARTIN CREEK	18	44N	40E	6700
16H3AP	MIDAS	18	39N	46E	7200
16H7	TOE JAM	29	40N	50E	7700
17L2	UPPER CORRAL	20	11N	41E	8500
EASTERN NEVADA					
14L1	BAKER #1	29	13N	69E	7950
14L2	BAKER #2	30	13N	69E	8950
14L3	BAKER #3	25	13N	68E	9250
14K2	BERRY CREEK	26	17N	65E	9100
14K1	BIRD CREEK	34	19N	65E	7500
15J13	CAVE CREEK	25	27N	57E	7500
15J14	HAGER CANYON	34	27N	57E	8000
15J15	HOLE-IN-MTN	6	35N	61E	7900
14K8	KALAMAZOO CREEK	34	20N	65E	7400
14K3	MURRAY SUMMIT	25	16N	62E	7250
15K1	ROBINSON SUMMIT	34	18N	61E	7600
14K7	SILVER CREEK #2	30	16N	69E	8000
14K5	WARD MOUNTAIN #2	25	15N	62E	7875
15L1*	WHITE RIVER #1	31	13N	59E	7400
CENTRAL GREAT BASIN					
18M2	CAMPITO MTN (CAL.)	19	5S	35E	10200
15N2	CLARK CANYON	8	19S	56E	9000
18G6a*	DENIO CREEK (OREG.)	14	41S	34E	6000
18M1	MONTGOMERY PASS	4	1N	33E	7100
18M3a	PINCHOT CREEK	28	1N	33E	9300
18M4a	PIUTE PASS (CAL.)	33	4S	33E	11700
15N1	TROUGH SPRINGS	23	18S	55E	8500

NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.
NORTHERN GREAT BASIN					
19H1	BALO MOUNTAIN	17	45N	21E	6720
20H5	BARBER CREEK	23	39N	18E	6500
20H6	CEDAR PASS	12	43N	14E	7100
18H1	DISASTER PEAK	8	47N	34E	6500
20H3a	DISMAL SWAMP (CAL.)	31	48N	22E	7000
20H7	EAGLE PEAK	35	40N	15E	7200
19H3	49-MTN	7	42N	19E	8000
19H2	HAYS CANYON	1	39N	18E	6400
19H4a	LITTLE BALLY MTN	8	45N	19E	6000
17G5a	OREGON CANYON (OREG.)	9	40S	40E	7240
17H6a	QUINN RIDGE	9	47N	41E	6300
20H4	RESERVATION CREEK	12	46N	15E	5900
18G5a	TROUT CREEK (OREG.)	10	41S	38E	7800
LAKE TAHOE					
19L14	DAGGETTS PASS	19	13N	19E	7350
20L5	ECHO SUMMIT (CAL.)	6	11N	18E	7450
19L2	FREEL BENCH (CAL.)	36	12N	18E	7300
19K8	GLENBROOK #2	13	14N	18E	6900
19L3M	HAGANS MEADOW (CAL.)	36	12N	18E	8000
20L4	LAKE LUCILLE (CAL.)	28	12N	17E	8200
19K4M	MARLETTE LAKE	13	15N	18E	8000
19K2*	MT. ROSE	7	17N	19E	9000
20L3	RICHARDSONS #2 (CAL.)	6	12N	18E	8500
20L1	RUBICON #1 (CAL.)	6	13N	17E	8100
20L2	RUBICON #2 (CAL.)	6	13N	17E	7500
20K16	TAHOE CITY (CAL.)	6	15N	17E	6250
19L1	UPPER TRUCKEE (CAL.)	21	12N	18E	6400
20K17M	WARD CREEK (CAL.)	21	15N	18E	7000
TRUCKEE RIVER					
20K14	DOCA #2 (CAL.)	28	18N	17E	5900
20K22	DROCKWAY SUMMIT (CAL.)	3	17N	16E	7100
20K21	DONNER PARK #2 (CAL.)	18	17N	16E	6000
20K10*	DONNER SUMMIT (CAL.)	25	17N	14E	6900
20K7*	FORDYCE LAKE (CAL.)	34	18N	13E	6500
20K8	FURNACE FLAT (CAL.)	10	17N	13E	6700
20K4M	INDEPENDENCE CAMP (CAL.)	34	19N	15E	7000
20K3	INDEPENDENCE CREEK (CAL.)	14	19N	15E	6500
20K5	INDEPENDENCE LAKE (CAL.)	9	18N	15E	8450
19K3	LITTLE VALLEY	17	18N	19E	6300
19K2	MT. ROSE	7	17N	19E	9000
20K6	SAGE HEN CREEK (CAL.)	7	18N	16E	6500
20K19	SQUAW VALLEY #2 (CAL.)	6	15N	18E	7500
20K16*	TAHOE CITY (CAL.)	6	15N	17E	6250
20K13M	TRUCKEE #2 (CAL.)	22	17N	16E	6400
20K17M*	WARD CREEK (CAL.)	21	15N	18E	7000
20K2	WEBBER LAKE (CAL.)	29	19N	14E	7000
20K1*	WEBBER PEAK (CAL.)	30	19N	14E	8000
CARSON RIVER					
19L5	BLUE LAKES (CAL.)	30	9N	19E	8000
19L4	CARSON PASS, UPPER (CAL.)	22	10N	18E	8600
19K5	CLEAR CREEK	6	14N	19E	7300
19L19a	EBBETTS PASS (CAL.)	17	8N	20E	8700
19L6A	POISON FLAT (CAL.)	25	8N	21E	7900
19L16a	UPPER FISH VALLEY (CAL.)	18	7N	22E	8050
19L18a	WET MEADOWS LAKE (CAL.)	26	9N	19E	8100
WALKER RIVER					
19L11	BUCKEYE FORKS (CAL.)	20	4N	23E	8500
19L10	BUCKEYE ROUGHS (CAL.)	15	4N	23E	7900
19L12A	CENTER MOUNTAIN (CAL.)	4	3N	23E	9400
18L1	LAPON MEADOW	36	8N	28E	9000
19L8	LEAVITT MEADOWS (CAL.)	4	5N	22E	7200
19L17a	LOBDELL LAKE	20	7N	24E	9200
18L2	MT. GRANT	23	8N	28E	9000
19L7M	SONORA PASS (CAL.)	1	5N	21E	8800
19M1*	TIOGA PASS (CAL.)	30	1N	25E	9900
19L13M	VIRGINA LAKES (CAL.)	5	2N	25E	9500
19L9	WILLOW FLAT (CAL.)	21	5N	23E	8250
COLORADO					
LOWER COLORADO RIVER					
15N5	KYLE CANYON	26	19S	56E	8200
15N4	LEE CANYON #1	10	19S	56E	8300
15N3	LEE CANYON #2	9	19S	56E	9000
15N8	LEE CANYON #3	10	19S	56E	8400
14M1	MATHEW CANYON	11	5S	70E	6000
14M2	PINE CANYON	11	6S	69E	6200
15N7	RAINBOW CANYON #2	6	20S	57E	8100
15L1	WHITE RIVER #1	31	13N	59E	7400

LEGEND

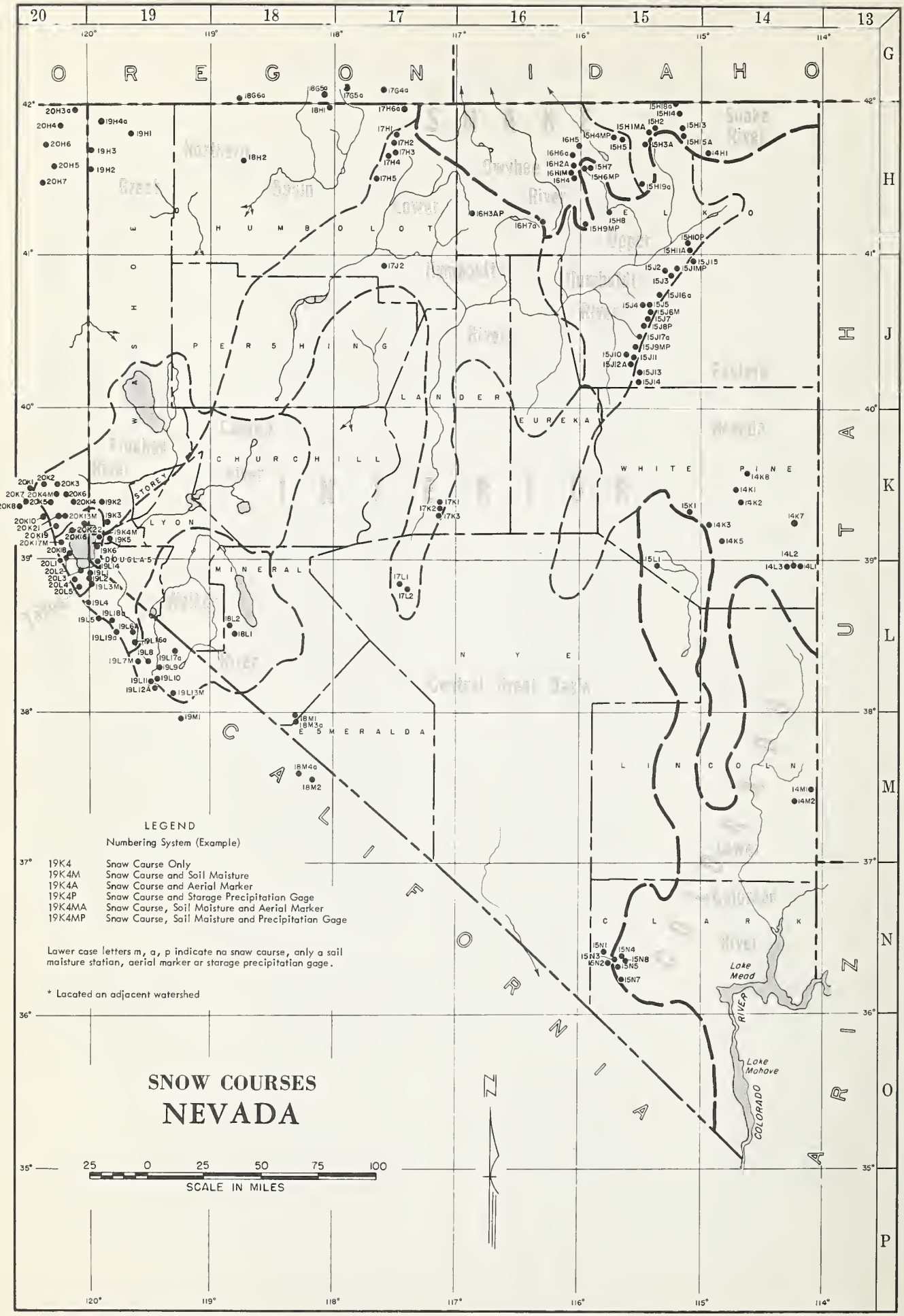
NUMBERING SYSTEM (EXAMPLE)

19K4	SNOW COURSE ONLY
19K4M	SNOW COURSE AND SOIL MOISTURE
19K4A	SNOW COURSE AND AERIAL MARKER
19K4P	SNOW COURSE AND STORAGE PRECIPITATION GAGE
19K4MA	SNOW COURSE, SOIL MOISTURE AND AERIAL MARKER
19K4MP	SNOW COURSE, SOIL MOISTURE AND PRECIPITATION GAGE

LOWER CASE LETTERS m, a, p, INDICATE NO SNOW COURSE, ONLY A SOIL MOISTURE STATION, AERIAL MARKER OR STORAGE PRECIPITATION GAGE.

* LOCATED ON ADJACENT WATERSHED

USDA SCS-PORTLAND, OREG. 1953 M- 1824


20 19 18 17 16 15 14 13
G H J K L M N O P
OREGON IDAHO
HUMBOLDT
PERSHING
LANDER
EUREKA
WHITE PINE
CHURCHILL
LYON
STOREY
MINERAL
NYE
ESMERALDA
LINCOLN
CLARK
CALIFORNIA
ARIZONA
Lake Mead
Lake Mohave
COLORADO RIVER
LEGEND
Numbering System (Example)
19K4 Snow Course Only
19K4M Snow Course and Soil Maisture
19K4A Snow Course and Aerial Marker
19K4P Snow Course and Starage Precipitatian Gage
19K4MA Snow Course, Soil Moisture and Aerial Marker
19K4MP Snow Course, Sail Maisture and Precipitatian Gage
Lawer case letters m, a, p indicate na snaw caurse, anly a sail maisture statian, aerial marker ar starage precipitatian gage.
* Lacated an adjacent watershed
SNOW COURSES
NEVADA
25 0 25 50 75 100
SCALE IN MILES

WATER SUPPLY OUTLOOK
FOR NEVADA

May 1, 1965

* *
* Nevada's 1965 irrigation season outlook remains most favorable. *
* Southern Nevada's outlook was improved by heavy precipitation *
* the first two weeks in April and now rates fair to good. *
* Reservoir storage is excellent and a good carryover into 1966 *
* is in prospect. May-July 1965 streamflow forecasts range from *
* 100-156 percent of average. The high elevation snowpack *
* remains well above average. Mountain soils are wet. Range *
* forage growth during the remaining spring months should be *
* good to excellent. *
* *
* *

STREAMFLOW FORECASTS

Tahoe-Truckee, Carson, and Walker River May-July 1965 forecasts range from 116 to 156 percent of average. In general April precipitation and April streamflow was only moderately above average and forecasts remain relatively unchanged from those given a month ago.

Lake Tahoe is forecast to rise 1.27 feet from May 1 assuming gates closed; which would raise the lake from its May 1 elevation of 6227.55 to 6228.82 feet above sea level. This would be 0.28 foot short of maximum elevation. The Truckee and Little Truckee are expected to have 116 to 129 percent of average flows during May-July 1965.

May-July 1965 streamflow forecasts as percent of average in northeastern Nevada are as follows: Owyhee - 115%; North Fork Humboldt and Marys River - 100%; South Fork Humboldt - 120%; Lamoille - 125%; and Humboldt at Palisade - 119%.

White Pine County streamflow outlook rates as fair to good. The southern Nevada streamflow outlook has improved. The Virgin River is now expected to have above normal April-June streamflow due to the heavy April precipitation.

RESERVOIR STORAGE

Storage in Nevada's principal reservoirs is now 1,095,000 acre-feet which is a gain of 95,000 acre-feet since April 1, 1965. These reservoirs now hold 80 percent of capacity and are 132 percent of the May 1, 1948-62 average.

Wildhorse gained 13,000 acre-feet during April and held 26,000 acre-feet on May 1. With 11,000 acre-feet of streamflow predicted during May-July for Owyhee near Gold Creek it appears that Wildhorse will most likely fill to its 33,000 acre-feet capacity.

Rye Patch, Boca, Lahontan, Topaz, and Bridgeport hold well above average contents and can be filled to capacity subject to management decisions. Reservoir carryover storage for next year will be excellent.

SOIL MOISTURE CONDITIONS

Mountain soil moisture is excellent. April rainfall has replenished deficiencies in lower and median elevation soils. Good to excellent spring range forage is in prospect.

SNOW COVER

May 1, 1965 snow surveys revealed that the high elevation snowpack is above average and very dense. By basins the May 1, 1965 snowpack as percent of average is as follows: Tahoe-Truckee - 146%; Carson-Walker - 158%; and Humboldt - 70%.

NEVADA STREAMFLOW FORECASTS - MAY 1, 1965

The following summarized runoff forecasts are based principally on mountain snow cover and the assumption that precipitation and temperature will be near average from the present time to the end of the forecast period. Appreciable deviations from normal of temperature and/or precipitation will correspondingly modify these forecasts.

Basin and Forecast Stream	May-July, Streamflow Thousands Acre-Feet				
	Forecast 1965	15-Yr. Av. 1948-62	1965 as % of 15-Yr. Av.	Measured Runoff 1964	Measured Runoff 1963
TRUCKEE RIVER			(***)		
Little Truckee River above Boca, California [1]	72	55	129 (113)	42	84
Truckee River at Farad, California [1, 2]	220	190	116 (112)	126	213
Lake Tahoe [1, 3]	1.27	1.09	117 (110)	0.72	1.39
CARSON RIVER					
East Carson near Gardnerville, Nevada	205	143	143	90	189
West Carson at Woodfords, California	60	40	150	24	*
Carson River near Carson City, Nevada	195	134	145	70	188
Carson River at Ft. Churchill, Nevada	180	124	145	59	161
East Carson near Gardnerville, Nevada (Date of 200 c.f.s. flow)	8/5	7/20	---	7/4	8/5
WALKER RIVER					
East Walker near Bridgeport, California [4]	75	48	156	18	83
West Walker below East Fork near Coleville, California	180	123	146	76	166
COLORADO RIVER					
Virgin River at Virgin, Utah [5]	60	43	140	37	18

(Continued)

Basin and Forecast Stream	May-July, Streamflow Thousands Acre Feet Forecast 1965	15-Yr. Av. 1948-62	1965 as % of 15-Yr. Av.	Measured Runoff 1964	1963
HUMBOLDT RIVER					
Lamoille Creek nr. Lamoille, Nev.	30	24	125	32	30
So. Fk. Humboldt nr. Elko, Nev.	59	49	120	76	73
Marys River above Hot Springs, Nev.	22	23	100	21	24
No. Fk. Humboldt at Devils Gate, Nev.	20	20	100	17	21
Humboldt River at Palisade, Nev.	150	126	119	200	204
Humboldt River at Comus, Nev.	110	94	117	156	131
Martin Creek nr. Paradise, Nev.	10	10	100	9	8
SNAKE RIVER					
Owyhee River nr. Owyhee, Nev.[6]	48	42	115	47	65
Owyhee nr. Gold Creek, Nev. [6]	11	10	110	7	15
Salmon Falls Creek nr. San Jacinto, Nev. [7]	75 70	49 46	153 152	80 76	29 27
SURPRISE VALLEY					
Bidwell Cr. nr. Ft. Bidwell, Calif. [8]	14.5	14.3**	101	--	13.3
Mill Cr. nr. Cedarville, Calif. [8]	5.6	5.5	102	5.8	5.5
Deep Cr. nr. Cedarville, Calif. [8]	3.9	3.8	103	3.9	4.3
Eagle Cr. nr. Eagleville, Calif. [8]	5.7	5.2	110	5.8	5.2

1. Forecast issued by Truckee Basin Water Committee, composed of Truckee-Carson Irrigation District, Sierra Pacific Power Company and Washoe County Water Conservation District.
2. Exclusive of Tahoe and corrected for storage in Boca Reservoir.
3. Maximum rise, in feet, from May 1, assuming gates closed.
4. For period May through August corrected for storage in Bridgeport Reservoir.
5. April-June forecast; issued by SCS, Salt Lake City, Utah.
6. Corrected for storage in Wild Horse Reservoir.
7. May-Sept. and May-July forecasts respectively; issued by SCS, Boise, Idaho.
8. April-Sept. forecast; coordinated forecast of SCS and California Dept. of Water Resources, Snow Survey Units.

* Gage washed out February 1963; record incomplete.
** Adjusted average.
*** Number in parenthesis is forecast as percent of long term average.

NEVADA

STATUS OF RESERVOIR STORAGE

MAY 1, 1965

Basin and Stream	Reservoir	Usable Capacity (1000 AF)	USABLE STORAGE - 1000 ACRE-FEET May 1 1965	1964	1963	15-Yr. Av. 1948-62
Owyhee	Wild Horse	33	26*	33	21	26
Lower Humboldt	Rye Patch	179	160	97	77	77
Colorado	Mohave	1,810	1,713	1,715	1,735	1,371**
Colorado	Mead	27,217	11,723	14,564	21,054	16,696
Tahoe	Tahoe	732	546	352	321	437
Truckee	Boca	41	30	26	41	26
Truckee	Prosser	29	21	14	19	***
Carson	Lahontan	286	258	220	284	206
West Walker	Topaz	59	47	47	58	35
East Walker	Bridgeport	42	28	39	42	27

* Reservoir drained during summer to effect repairs to dam.

** 1950-62

*** Flood control use allocation of 20,000 A.F. between November 1 and April 10. Storage began January 30, 1963.

TOTAL RESERVOIR STORAGE

Developed from Wild Horse, Rye Patch, Tahoe, Boca, Lahontan, Topaz, and Bridgeport Reservoirs in 1000's acre-Feet

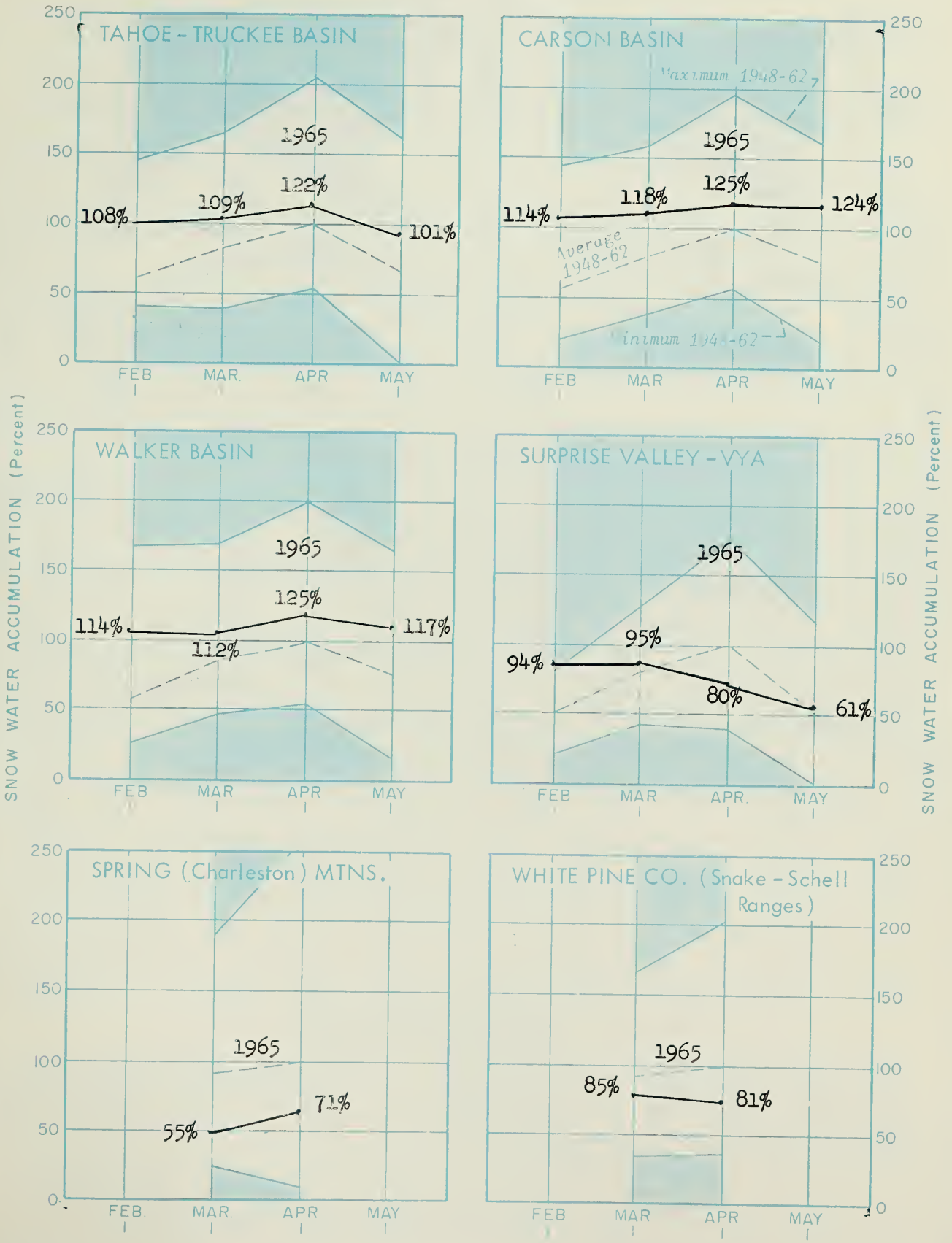
Month	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	Average 1948-62
October 1	489	263	65	345	707	498	572
January 1	367	206	57	419	756	785	622
February 1	398	218	73	558	784	911	670
March 1	494	254	210	696	777	948	725
April 1	592	285	318	769	775	1,000	776
May 1	632	300	499	844	814	1,095	834

TOTAL USABLE CAPACITY 1,372

SNOW WATER ACCUMULATION IN NEVADA

Percent of average maximum accumulation

As of May 1, 1965



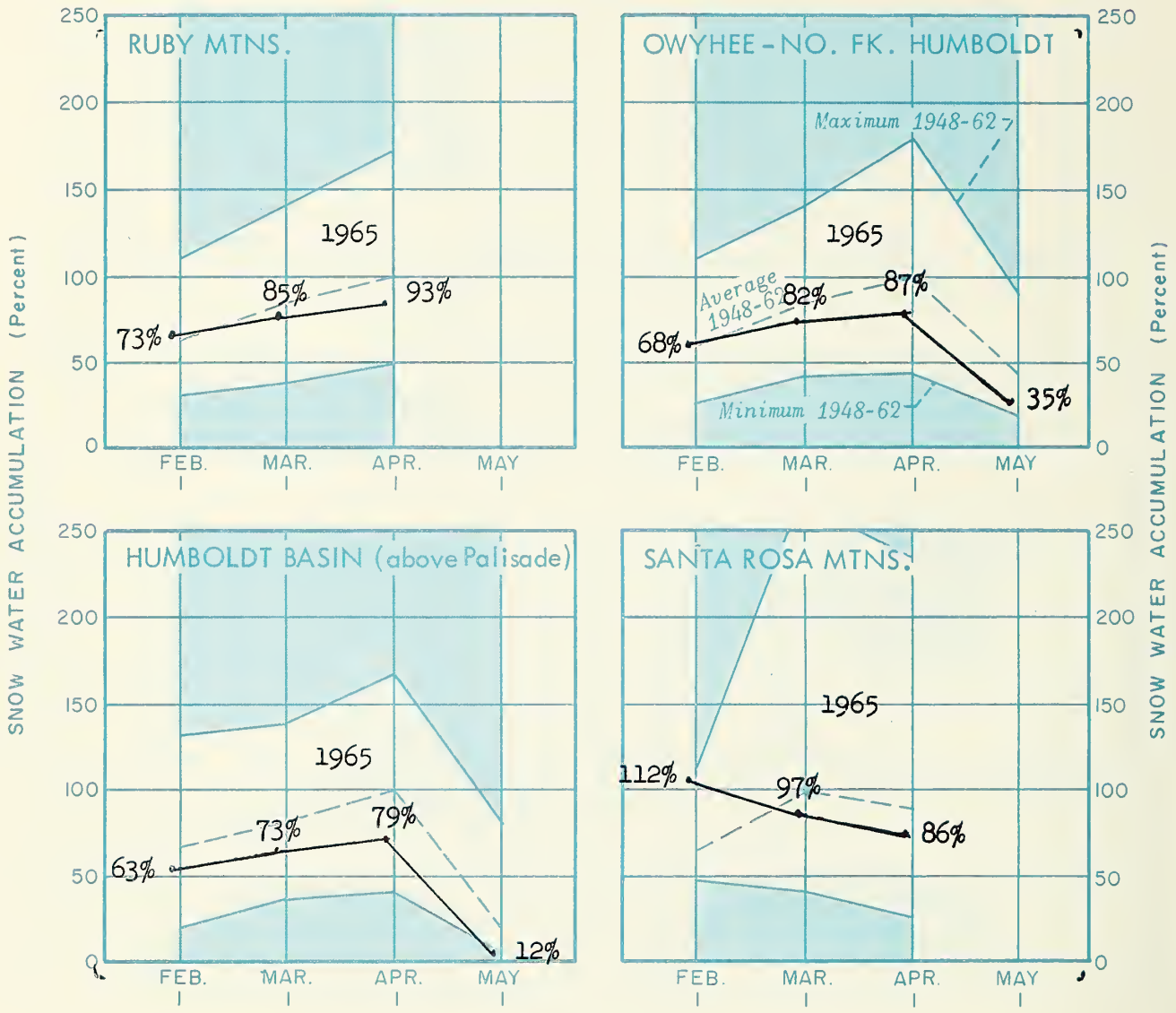
Continued

PLATE 1

SNOW WATER ACCUMULATION IN NEVADA

Percent of average maximum accumulation

As of May 1, 1965



NEVADA SNOW SURVEYS

MAY 1, 1965

Watershed and Course	Elev.	May 1, 1965 Date Survey	Depth Snow (In.)	Water Content (In.)	Water Content (Inches) May 1 1964	May 1 1963	May 1 1948-62 Avg.	April 1 1965
WALKER-CARSON-TAHOE-TRUCKEE								
Virginia Lakes	9500	4/28	39	17.1	4.9	22.4	11.5*	18.6
Sonora Pass	8800	4/28	52	26.4	6.7	25.2	16.6*	27.2
Carson Pass, Upper	8600	4/26	95	46.1	18.0	34.5	29.9	42.6
Blue Lakes	8000	4/26	101	45.9	16.4	30.0	29.9	45.5
Echo Summit	7500	5/3	75	39.1	8.6	20.0	25.3	51.6
Donner Summit	6900	4/28	72	39.4	16.4	27.8	28.4	41.7
Furnace Flat	6600	4/28	101	47.1	29.1	36.6	40.3*	51.7
Fordyce Lake	6500	4/28	75	33.5	24.7	29.6	32.7*	41.3
SURPRISE VALLEY								
Cedar Pass	7100	4/30	23	10.9	8.7	9.1	9.5*	15.2
SNAKE-OWYHEE								
Hummingbird Springs	8945	4/29	75	31.9a/	32.2a/	22.6a/	25.1*	30.4
Goat Creek	8800	4/29	51	21.7a/	20.2a/	18.9	19.4*	22.4
Pole Creek R. S.	8330	4/28	63	26.8	25.1	20.0	22.2*	27.1
Bear Creek	7800	4/29	51	24.1a/	17.5a/	18.6a/	21.0*	25.7
Big Bend	6700	4/28	T	T	2.4	T	1.3*	8.2
Gold Creek	6600	4/28	0	0.0	0.0	0.0	0.0*	4.1
Jacks Peak	8420	4/30	80	36.2	25.2	24.0	28.5*	34.6
Jack Creek, Upper	7250	4/30	T	T	1.2	5.3	3.5*	9.8
Jack Creek, Lower	6800	4/30	0	0.0	T	2.2	0.0*	3.0
Taylor Canyon	6200	4/30	0	0.0	0.0	1.0	0.0*	T
Red Point	7940	4/29	14	6.0a/	18.7a/	8.7a/	---	11.0a/
HUMBOLDT								
Rodeo Flat	6800	4/28	0	0.0	0.0	T	1.4*	3.7
Fry Canyon	6700	4/28	0	0.0	0.0	T	1.1*	5.0
Tremewan Ranch	5700	4/28	0	0.0	0.0	0.0	0.0*	0.0
WHITE PINE COUNTY								
Berry Creek	9100	5/1	44	17.1	14.7	16.3	14.7	16.6
Bird Creek	7500	5/1	0	0.0	---	0.0	---	2.5

DELAYED DATA AND ERRATA

Center Mtn.	9400	2/1/65	108	37.8a/	Lamoille #3	7700	3/3/65	40	13.0
Jakes Creek	7000	3/1/65	5	2.1	Lamoille #4	8000	3/3/65	61	22.7
Lamoille #1	7100	3/3/65	27	8.2	Lamoille #5	8700	3/3/65	80	32.6
Lamoille #2	7300	3/3/65	25	7.5	Trout Creek, Upper	8500	2/1/65	52	18.2a/

* Adjusted average.

a/ Aerial snow depth gage; water content estimated.

Agencies Cooperating in Collecting Data Contained in this Bulletin

FEDERAL

- Agricultural Research Service
- Army
- Bureau of Reclamation
- Fish and Wildlife Service
- Forest Service
- Geological Survey
- Navy
- Soil Conservation Service
- Weather Bureau

STATE

- California Cooperative Snow Surveys
- California Department of Water Resources
- Colorado River Commission of Nevada
- Nevada Association of Soil Conservation Districts
- Nevada Cooperative Snow Surveys
- Nevada Department of Conservation & Natural Resources
  - Division of Water Resources
  - Nevada State Forester-Firewarden
- Oregon Cooperative Snow Surveys
- University of Nevada
- White Mountain Research Station, Univ. of California

PRIVATE

- Amalgamated Sugar Company
- Kennecott Copper Corporation
- Nevada Irrigation District
- Owyhee Project North Board of Control
- Owyhee Project South Board of Control
- Pacific Gas & Electric Company
- Pershing County Water Conservation District
- Sierra Pacific Power Company
- Squaw Valley Development Company
- Truckee-Carson Irrigation District
- Virginia City Water Company
- Walker River Irrigation District
- Washoe County Water Conservation District

Other organizations and individuals furnish valuable information for the snow survey reports. Their Cooperation is gratefully acknowledged.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
ROOM 6 -- 1479 SO. WELLS AVE.
RENO, NEVADA 89502

OFFICIAL BUSINESS

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF AGRICULTURE

FIRST CLASS MAIL

FEDERAL - STATE - PRIVATE

COOPERATIVE SNOW SURVEYS

Furnishes the basic data necessary for forecasting water supply for irrigation, domestic and municipal water supply, hydro-electric power generation , navigation , mining and industry

"The Conservation of Water begins with the Snow Survey"